

OUNDL E & THRAPSON  
RURAL DISTRICT COUNCIL

ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH

1964



Council Offices,  
Midland Road,  
Thrapston.  
August, 1964.

Mr. Chairman,

Statistics for the year, 1964 suggest that the Public Health of the district has been good. Nevertheless, a yearly return for a relatively small (population) sanitary district can be misleading. For this reason statistics for 30 years have been retained and included in this report, and from them an average might be struck. But even an average over a number of years can be misleading through the powerful factor of time lapse and all that the lapse of time implies. Still, generally, a conclusion based on statistics for 30 years has a sounder foundation than a conclusion based on one, two or three years.

Throughout the 30 years of its existence the Council has been gradually modernising the sanitary systems of its 51 villages of varying size and topography, and statistics would indicate that the Council has done well. Moreover, I may say, without any suggestion of patronage that in Mr. B. Lewis and Mr. R. E. Hope, the Council is lucky to have two first class health officers. They are industrious in their work and first class in their judgment. Population. The registrar general gives the mid-year, 1964 population of this district as 18,450. At the 1961 census the population was 18,112 and made up as below.

|                                   | <u>Males</u> | <u>Females</u> | <u>Total</u> |
|-----------------------------------|--------------|----------------|--------------|
| Under 15 (Infants and School Age) | 2,233        | 2,140          | 4,373        |
| 15-44 years                       | 3,977        | 3,319          | 7,296        |
| 45-64 years                       | 2,147        | 2,052          | 4,199        |
| 65 and over                       | 922          | 1,322          | 2,244        |

Age Groups. The tables below give a further dissection of population of comparative districts. A whole is certainly the sum of its parts, but the parts can be very dis-similar. England and Wales are made up of very dis-similar counties, and counties are made up of very dis-similar sanitary districts. Hence in comparing statistics from sanitary districts a comparative factor is used. The four periods of life that demand most from Sanitary Authorities or County Authorities are:-

- (a) 0-4 years as Infants
- (b) 5-15 years Compulsory School age
- (c) 15-44 years Females-child bearing age.
- (d) 65 and over Retirement to senility

The remainder, if not personally disabled, can look after themselves and are the workers and maintainers of the society. A consideration of the numbers in each group can give a reasonable





picture of the back-ground of a community.

Numbers per 1,000 by sex and age periods

|  |   | 0-4  | 5-14  | 15-24 | 25-45 | 45-65 | Over 65 |
|--|---|------|-------|-------|-------|-------|---------|
| Northampton Adm. County Pop. 292,584<br>A=Infants, B=School Age C=Working Age, D=Retired | M | 42   | 82    | 65    | 133   | 123   | 49      |
|  | F | 40   | 78    | 62    | 129   | 126   | 71      |
|  |   | A 82 | B 160 | C 638 |       |       | D 120   |
| County Borough Pop. 105,421  | M | 38   | 74    | 62    | 125   | 127   | 52      |
|  | F | 35   | 72    | 65    | 124   | 138   | 87      |
|  |   | 73   | 146   | 641   |       |       | 139     |
| Oundle & Thrapston R.D. Pop. 18,112  | M | 42   | 81    | 85    | 134   | 118   | 51      |
|  | F | 37   | 81    | 65    | 118   | 113   | 73      |
|  |   | 79   | 162   | 633   |       |       | 124     |
| Corby U.D. Pop. 35,938   | M | 66   | 106   | 71    | 159   | 99    | 13      |
|  | F | 63   | 102   | 73    | 148   | 83    | 18      |
|  |   | 129  | 208   | 633   |       |       | 31      |
| Oundle U.D. Pop. 2,547   | M | 35   | 79    | 62    | 106   | 116   | 66      |
|  | F | 42   | 75    | 65    | 123   | 124   | 105     |
|  |   | 77   | 154   | 597   |       |       | 171     |
| Raunds U.D. pop. 4,595   | M | 34   | 72    | 65    | 112   | 140   | 55      |
|  | F | 32   | 70    | 61    | 112   | 156   | 90      |
|  |   | 66   | 142   | 646   |       |       | 145     |
| Rushden U.D. Pop 17,377  | M | 36   | 73    | 59    | 121   | 142   | 56      |
|  | F | 35   | 68    | 60    | 121   | 149   | 81      |
|  |   | 71   | 141   | 652   |       |       | 137     |
| Devonshire (Excluding Exeter & Plymouth) Pop. 539,021                                    | M | 34   | 71    | 57    | 109   | 127   | 70      |
|  | F | 32   | 67    | 55    | 116   | 153   | 109     |
|  |   | 66   | 138   | 617   |       |       | 179     |
| Torquay Pop. 54,046  | M | 27   | 62    | 50    | 95    | 129   | 75      |
|  | F | 25   | 59    | 56    | 109   | 175   | 140     |
|  |   | 52   | 121   | 614   |       |       | 215     |
| England and Wales  | M | 41   | 80    | 58    | 137   | 127   | 47      |
|  | F | 37   | 72    | 64    | 127   | 129   | 71      |
|  |   | 78   | 152   | 652   |       |       | 118     |

Birth Rate. The child bearing age for females may be taken as 15-44 years.

|                      | Number Females<br>Age 15-44 years<br>per 1,000 Total<br>Females | Married Females<br>15-44 years<br>per 1,000 Total<br>Females | Unmarried Females<br>15-44 years<br>per 1,000 Total<br>Females |
|----------------------|---|--|--|
| Adm. County          | 377   | 271  | 106  |
| County Borough       | 360   | 245  | 115  |
| Oundle and Thrapston | 376   | 256  | 120  |
| Corby                | 454   | 351  | 103  |
| Oundle U.D.          | 352   | 236  | 116  |
| Raunds U.D.          | 332   | 230  | 102  |
| Rushden U.D.         | 352   | 255  | 10297  |
| Devonshire           | 321   | 214  | 107  |
| Torquay              | 293   | 180  | 113  |
| England & Wales      | 381   | 256  | 125  |



Expectation of Life. Census figures 1841 - 1961 show, from 1911, a progressive increase in years of life expectation. The table below gives the relative numbers of the over 65 years to every 1,000 of total population according to sex.

|             | <u>Over 65 years per 1,000 Pop.</u> |             |             |             |             |             |             |             |             |             |             |             |
|-------------|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|             | <u>1841</u>                         | <u>1851</u> | <u>1861</u> | <u>1871</u> | <u>1881</u> | <u>1891</u> | <u>1901</u> | <u>1911</u> | <u>1921</u> | <u>1931</u> | <u>1951</u> | <u>1961</u> |
| Total Pop.  | 43                                  | 46          | 46          | 47          | 46          | 47          | 47          | 52          | 60          | 94          | 110         | 119         |
| Male Pop. . | 42                                  | 43          | 43          | 44          | 42          | 43          | 42          | 46          | 54          | 66          | 94          | 94          |
| Female Pop. | 47                                  | 50          | 50          | 50          | 50          | 51          | 51          | 57          | 66          | 81          | 126         | 143         |

Note: There was no census in 1941 - a war year.

This marked improvement in the expectation of life is a comparison in time and has its origin in improved social conditions. It is due to prevention of disease and not to cure of disease.

A. McILNES

Medical Officer of Health.





OUNDE AND THRAPSTON RURAL DISTRICT COUNCIL

|  |    |    |    |    |                         |
|--|----|----|----|----|-------------------------|
| Chairman of the Council                | .. | .. | .. | .. | F. C. L. CARRESS ESQ.   |
| Vice-Chairman of the Council           | .. | .. | .. | .. | A. HARROD ESQ.          |
| Chairman, Public Health Committee      | .. | .. | .. | .. | C. S. BOWERING ESQ.     |
| Vice-Chairman, Public Health Committee | .. | .. | .. | .. | DR. E. ST. CLAIR GAINER |

-----

PUBLIC HEALTH OFFICERS

|                                    |    |    |    |    |                                  |
|------------------------------------|----|----|----|----|----------------------------------|
| Medical Officer of Health          | .. | .. | .. | .. | A. McINNES, M.B., Ch.B., D.P.H.  |
| Chief Public Health Inspector      | .. | .. | .. | .. | B. LEWIS, A.M.I.P.H.E., A.I.Hsg. |
| Deputy Public Health Inspector     | .. | .. | .. | .. | R. E. HOPE, M.A.P.H.I.           |
| Additional Public Health Inspector | .. | .. | .. | .. | POST VACANT                      |

-----

Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b29941386>

SOCIAL CONDITIONS OF THE AREA AND STATISTICS

Area in Acres .. .. 107,337

Particulars of Separate Dwellings, Population,  
Rateable Value and the Product of a Penny Rate  
Since the Inception of the District in 1935

| Year | Dwellings | Population | Rateable<br>Value<br>at 1st April | Estimated<br>Product of<br>Penny Rate |
|------|-----------|------------|-----------------------------------|---------------------------------------|
|      |           |            | £                                 | £                                     |
| 1935 | 5,109     | 16,725     | 58,721                            | 221                                   |
| 1936 | 5,147     | 16,550     | 56,517                            | 216                                   |
| 1937 | 5,170     | 16,410     | 57,023                            | 223                                   |
| 1938 | 5,220     | 16,150     | 59,032                            | 229                                   |
| 1939 | 5,259     | 16,160     | 60,457                            | 229                                   |
| 1940 | 5,242     | 16,940     | 61,756                            | 233                                   |
| 1941 | 5,208     | 18,880     | 64,018                            | 242                                   |
| 1942 | 5,204     | 17,860     | 64,018                            | 260                                   |
| 1943 | 5,203     | 17,510     | 69,521                            | 271                                   |
| 1944 | 5,207     | 17,380     | 71,609                            | 279                                   |
| 1945 | 5,214     | 16,940     | 71,161                            | 277                                   |
| 1946 | 5,217     | 17,140     | 69,331                            | 270                                   |
| 1947 | 5,277     | 17,460     | 69,717                            | 271                                   |
| 1948 | 5,284     | 17,990     | 61,929                            | 235                                   |
| 1949 | 5,411     | 18,440     | 62,883                            | 240                                   |
| 1950 | 5,607     | 18,400     | 66,972                            | 256                                   |
| 1951 | 5,708     | 18,460     | 66,496                            | 257                                   |
| 1952 | 5,795     | 18,300     | 70,029                            | 272                                   |
| 1953 | 5,795     | 18,450     | 72,052                            | 280                                   |
| 1954 | 5,958     | 18,600     | 73,751                            | 288                                   |
| 1955 | 5,923     | 18,350     | 78,812                            | 310                                   |
| 1956 | 5,923     | 18,320     | 125,247                           | 480                                   |
| 1957 | 5,923     | 18,482     | 125,485                           | 481                                   |
| 1958 | 6,013     | 18,482     | 128,023                           | 490                                   |
| 1959 | 6,013     | 18,250     | 143,121                           | 540                                   |
| 1960 | 6,013     | 18,430     | 153,416                           | 550                                   |
| 1961 | 5,952     | 18,900     | 156,930                           | 610                                   |
| 1962 | 5,927     | 18,890     | 164,000                           | 640                                   |
| 1963 | 5,927     | 18,460     | 400,866                           | 1,610                                 |
| 1964 | 5,983     | 18,450     | 419,695                           | 1,560                                 |





## BIRTH RATE

Standard Birth Rate = Crude Birth Rate X Factor.

For this District the comparability factor for 1964 is 1.11.

### Live Births

In the whole of England and Wales during 1964 there were born 450,771 males and 424,007 females, that is 1,062 males for every 1,000 females. Of the total births 63,308 were illegitimate or 7.2%. For the five years 1958, 59, 60, 61, 62, the illegitimate rate was 5.6% in 1963, 6.9%.

#### TOTAL LIVE BIRTHS in District:-

|                      | M          | F          | Total      |
|----------------------|------------|------------|------------|
| Legitimate .. .. .   | 152        | 140        | 292        |
| Illegitimate .. .. . | 12         | 6          | 18         |
|                      | <u>164</u> | <u>146</u> | <u>310</u> |

#### BIRTH RATES per 1,000 of Population:-

##### Oundle and Thrapston R.D. :-

|                           |      |
|---------------------------|------|
| Standard .. .. .          | 18.7 |
| Crude .. .. .             | 16.8 |
| Northamptonshire .. .. .  | 19.1 |
| England and Wales .. .. . | 18.4 |

#### ILLEGITIMATE LIVE BIRTHS per cent of Total Live Births:-

|                                   |      |
|-----------------------------------|------|
| Oundle and Thrapston R.D. .. .. . | 5.8  |
| Northamptonshire .. .. .          | 5.29 |
| England and Wales .. .. .         | 7.2  |

### Still Births

#### TOTAL STILL BIRTHS in District:-

|                      | M        | F        | Total    |
|----------------------|----------|----------|----------|
| Legitimate .. .. .   | 2        | 4        | 6        |
| Illegitimate .. .. . | -        | 1        | 1        |
|                      | <u>2</u> | <u>5</u> | <u>7</u> |

#### Rate per 1,000 of Live and Still Births :-

|                                   |             |
|-----------------------------------|-------------|
| Oundle and Thrapston R.D. .. .. . | 22.0        |
| Northamptonshire .. .. .          | 13.46       |
| England and Wales .. .. .         | 16.4        |
| TOTAL LIVE AND STILL BIRTHS :-    | M F Total   |
|                                   | 166 151 317 |

## INFANT DEATHS

#### Deaths of Infants under one year of age:-

|                      | M        | F        | Total    |
|----------------------|----------|----------|----------|
| Legitimate .. .. .   | 2        | 2        | 4        |
| Illegitimate .. .. . | -        | -        | -        |
|                      | <u>2</u> | <u>2</u> | <u>4</u> |





Deaths of Infants under four weeks of age:-

|              |    |    |    |    | M  | F | Total |
|--------------|----|----|----|----|----|---|-------|
| Legitimate   | .. | .. | .. | .. | .. | 2 | 2     |
| Illegitimate | .. | .. | .. | .. | .. | - | -     |
|              |    |    |    |    | -  | - | -     |
|              |    |    |    |    | -  | 2 | 2     |
|              |    |    |    |    | -  | - | -     |

Deaths of Infants under one week of age:-

|              |    |    |    |    | M  | F | Total |
|--------------|----|----|----|----|----|---|-------|
| Legitimate   | .. | .. | .. | .. | .. | 1 | 1     |
| Illegitimate | .. | .. | .. | .. | .. | - | -     |
|              |    |    |    |    | -  | - | -     |
|              |    |    |    |    | -  | 1 | 1     |
|              |    |    |    |    | -  | - | -     |

INFANT MORTALITY RATES

Total Infant Deaths under one year per 1,000 Live Births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 12.9  |
| Northamptonshire          | .. | .. | .. | 18.36 |
| England and Wales         | .. | .. | .. | 20.0  |

The average Infant Death Rate under 1 year is between 20 and 30 per 1,000 for Northern European countries; 40 per 1,000 for Mediterranean and 120 per 1,000 South American Countries. The average for the U.S.A. and Canada lies between 20 and 30 per 1,000. The lowest recorded rates are in Sweden and the Netherlands with rates of under 20.

The rate in this district for 1964 is low. The average for the previous five years, 1958, 59, 60, 61 and 62 was round about 19 per 1,000, and in 1963 39.1. Fluctuations must be expected when the numerical basis of calculation is small.

Legitimate Infant Deaths per 1,000 Legitimate Live Births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 13.7  |
| Northamptonshire          | .. | .. | .. | 18.50 |

Illegitimate Infant Deaths per 1,000 Illegitimate Live births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 0     |
| Northamptonshire          | .. | .. | .. | 15.92 |

Neonatal Mortality Rate (deaths under four weeks) per 1,000 Total Live Births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 6.5   |
| Northamptonshire          | .. | .. | .. | 12.97 |
| England and Wales         | .. | .. | .. | 13.8  |

Early Neonatal Mortality Rate (deaths under one week) per 1,000 Total Live Births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 3.2   |
| Northamptonshire          | .. | .. | .. | 11.79 |
| England and Wales         | .. | .. | .. | 12.1  |



Perinatal Mortality Rate (still-births and deaths under one week combined) per 1,000 Total Live and Still Births:-

|                           |    |    |    |       |
|---------------------------|----|----|----|-------|
| Oundle and Thrapston R.D. | .. | .. | .. | 25.2  |
| Northamptonshire          | .. | .. | .. | 25.09 |
| England and Wales         | .. | .. | .. | 28.2  |

#### MATERNAL MORTALITY (including abortion)

Number of Deaths:-

|                           |    |    |    |   |
|---------------------------|----|----|----|---|
| Oundle and Thrapston R.D. | .. | .. | .. | 0 |
| Northamptonshire          | .. | .. | .. | 1 |

Maternal Mortality Rate per 1,000 Live and Still Births:-

|                           |    |    |    |      |
|---------------------------|----|----|----|------|
| Oundle and Thrapston R.D. | .. | .. | .. | 0    |
| Northamptonshire          | .. | .. | .. | 0.17 |
| England and Wales         | .. | .. | .. | 0.25 |

Of the 227 mothers who died in 1964 in England and Wales during pregnancy, 61 died of sepsis and the other 166 died from complications of pregnancy or childbirth or of the lying in period. In 1964 the chances of death in childbirth were 1 : 2,500, whereas in 1926 the chances were 1 : 226. In the Scandinavian Countries and the U.S.A. the chances are somewhat similar to those in England and Wales. In Italy and Portugal the chances are about 1 : 870, in Japan 1 : 760, and in Ceylon 1 : 330.

#### DEATH RATES

Below are given the number of deaths and a Table of Death Rates per 1,000 of population. A comparability factor has been given so that:-

Crude death rate X comparability factor = Standard death rate.

A classification of the causes of death is given in the Table on another page.

|              |    |    |    | M  | F  | Total |
|--------------|----|----|----|----|----|-------|
| Total Deaths | .. | .. | .. | 90 | 87 | 177   |

#### Death Rate

|                           |            |    |       |
|---------------------------|------------|----|-------|
| Oundle and Thrapston R.D. | (Crude)    | .. | 9.6   |
|                           | (Standard) |    | 9.9   |
| Northamptonshire          | (Crude)    | .. | 10.56 |
| England and Wales         |            | .. | 11.3  |

Comparability Factor = 1.03

The natural increase in the population = Births - Deaths, 310-177 = 108. This is a natural increase of 0.72% of total population. The natural increase for England and Wales was also 0.72%.

It should be understood that Standard Rates are for comparison with the rest of England and Wales, whereas Crude Rates are the actual rates. It is quite obvious that it would be wrong to make a public health deduction from crude rates of births and deaths from a district largely inhabited by young people of working age and another district largely







inhabited by retired people over 65. Natural increase on the other hand should be deduced from Crude Rates.

The natural increase in England and Wales for 1964 was 339,441, for 1963 was 283,351, for 1962 was 283,111, in 1961 an increase of 252,900, and during the years 1956-60 an average increase of 215,311.

Males over 65, (the pensionable age) represent 9.4% of all males.  
Females over 60, (the pensionable age) represent 20.2% of all females.  
Males plus females of pensionable age represent 15% of the total population.

The comparative table below shows the decrease or the increase in decades of life of males and females. The numbers at 5-15 years being numerically 100 for both sexes and are based on the numbers of each sex at 5-15 years.

|             |    |    |    |    | M    | F    |
|-------------|----|----|----|----|------|------|
| 5-15 years  | .. | .. | .. | .. | 100  | 100  |
| 15-25 years | .. | .. | .. | .. | 96   | 99   |
| 25-35 years | .. | .. | .. | .. | 86   | 87.5 |
| 35-45 years | .. | .. | .. | .. | 92   | 97.0 |
| 45-55 years | .. | .. | .. | .. | 87   | 96.0 |
| 55-65 years | .. | .. | .. | .. | 75   | 90.0 |
| 65-75 years | .. | .. | .. | .. | 42   | 65.6 |
| 75 and over | .. | .. | .. | .. | 19.6 | 40.0 |

Children of compulsory school age in the district form 16.2% of the total population of the district. In Corby it is 20.8% and the average in the Administrative county 16%.



BIRTHS

| Year | Oundle and Thrapston Rural District |                                   |              |                                      | County      |                                   |              |                                      | England and Wales         |                                      |
|------|-------------------------------------|-----------------------------------|--------------|--------------------------------------|-------------|-----------------------------------|--------------|--------------------------------------|---------------------------|--------------------------------------|
|      | Live Births                         |                                   | Still Births |                                      | Live Births |                                   | Still Births |                                      | Live Births               | Still Births                         |
|      | Number                              | Rate per 1,000 Population (Crude) | Number       | Rate per 1,000 Live and Still Births | Number      | Rate per 1,000 Population (Crude) | Number       | Rate per 1,000 Live and Still Births | Rate per 1,000 Population | Rate per 1,000 Live and Still Births |
|      |                                     |                                   |              |                                      |             |                                   |              |                                      |                           |                                      |
| 1935 | 245                                 | 14.5                              | 11           | 43                                   | 2881        | 13.32                             |              |                                      | 14.7                      | 40                                   |
| 1936 | 250                                 | 15.1                              | 10           | 38                                   | 3047        | 14.0                              |              |                                      | 14.8                      | 48                                   |
| 1937 | 231                                 | 14.0                              | 8            | 33                                   | 3104        | 14.08                             |              |                                      | 14.9                      | 41                                   |
| 1938 | 253                                 | 15.6                              | 8            | 30.6                                 | 3184        | 14.38                             |              |                                      | 15.1                      | 37                                   |
| 1939 | 252                                 | 15.7                              | 5            | 19.4                                 | 3336        | 15.02                             |              |                                      | 15.0                      | 34                                   |
| 1940 | 243                                 | 14.3                              | 9            | 35.7                                 | 3363        | 13.94                             |              |                                      | 14.6                      | 37                                   |
| 1941 | 277                                 | 14.6                              | 5            | 17.7                                 | 3511        | 13.51                             |              |                                      | 14.2                      | 35                                   |
| 1942 | 286                                 | 16.0                              | 4            | 13.7                                 | 4062        | 16.66                             |              |                                      | 15.8                      | 34                                   |
| 1943 | 311                                 | 17.7                              | 5            | 15.8                                 | 4210        | 17.91                             |              |                                      | 16.5                      | 29                                   |
| 1944 | 351                                 | 20.2                              | 5            | 14.0                                 | 4684        | 20.07                             |              |                                      | 17.6                      | 25                                   |
| 1945 | 263                                 | 21.4                              | 11           | 29.4                                 | 4340        | 18.78                             |              |                                      | 16.1                      | 21                                   |
| 1946 | 304                                 | 17.5                              | 16           | 52.0                                 | 4531        | 19.17                             |              |                                      | 19.1                      | 28                                   |
| 1947 | 368                                 | 21.08                             | 15           | 43.0                                 | 4905        | 20.42                             |              |                                      | 20.5                      | N.K.                                 |
| 1948 | 315                                 | 17.51                             | 10           | 38.0                                 | 4326        | 17.46                             |              |                                      | 17.9                      | 41                                   |
| 1949 | 334                                 | 18.06                             | 20           | 56.0                                 | 4056        | 16.19                             |              |                                      | 16.7                      | 34                                   |
| 1950 | 343                                 | 18.64                             | 12           | 34.0                                 | 3995        | 15.71                             | 83           | 20.35                                | 15.8                      | 33                                   |
| 1951 | 302                                 | 16.36                             | 11           | 35.0                                 | 3997        | 15.57                             | 99           | 24.17                                | 15.5                      | 26                                   |
| 1952 | 301                                 | 16.4                              | 8            | 26.0                                 | 4006        | 15.5                              | 84           | 20.54                                | 15.3                      | 22.6                                 |
| 1953 | 347                                 | 18.8                              | 6            | 17.0                                 | 4250        | 16.16                             | 92           | 21.18                                | 15.5                      | 22.4                                 |
| 1954 | 349                                 | 18.8                              | 10           | 27.86                                | 4298        | 16.2                              | 98           | 22.29                                | 15.2                      | 23.5                                 |
| 1955 | 273                                 | 16.2                              | 5            | 18.0                                 | 4183        | 15.49                             | 103          | 24.03                                | 15.0                      | 23.2                                 |
| 1956 | 308                                 | 16.8                              | 8            | 25.3                                 | 4571        | 16.67                             | 85           | 18.25                                | 15.6                      | 22.9                                 |
| 1957 | 329                                 | 17.8                              | 6            | 18.0                                 | 4748        | 17.03                             | 91           | 18.8                                 | 16.1                      | 22.5                                 |
| 1958 | 304                                 | 16.4                              | 7            | 22.5                                 | 4809        | 16.95                             | 109          | 22.16                                | 16.4                      | 21.6                                 |
| 1959 | 302                                 | 16.5                              | 2            | 6.58                                 | 4810        | 16.6                              | 94           | 19.2                                 | 16.5                      | 21.0                                 |
| 1960 | 307                                 | 16.3                              | 10           | 32.15                                | 5183        | 17.7                              | 86           | 16.32                                | 17.1                      | 19.8                                 |
| 1961 | 337                                 | 17.8                              | 4            | 11.73                                | 5337        | 18.04                             | 88           | 16.22                                | 17.4                      | 19.1                                 |
| 1962 | 357                                 | 18.9                              | 6            | 16.5                                 | 5528        | 18.37                             | 83           | 14.79                                | 18.0                      | 18.1                                 |
| 1963 | 321                                 | 17.4                              | 3            | 9.26                                 | 5692        | 18.62                             | 90           | 15.57                                | 18.2                      | 17.3                                 |
| 1964 | 310                                 | 16.8                              | 7            | 22.0                                 | 5937        | 19.1                              | 81           | 13.46                                | 18.4                      | 16.4                                 |





ILLEGITIMATE BIRTHS

| Year | Oundle & Thrapston R.D. |                 |               | County       |                 |               |
|------|-------------------------|-----------------|---------------|--------------|-----------------|---------------|
|      | Total Births            | Illegit. Births | Rate per 1000 | Total Births | Illegit. Births | Rate per 1000 |
| 1935 | 245                     | 9               | 36.0          | 2881         | 104             | 36.0          |
| 1936 | 250                     | 8               | 32.0          | 3047         | 103             | 34.0          |
| 1937 | 231                     | 8               | 34.6          | 3104         | 112             | 36.0          |
| 1938 | 253                     | 8               | 32.0          | 3184         | 119             | 37.0          |
| 1939 | 252                     | 11              | 43.6          | 3336         | 125             | 37.0          |
| 1940 | 243                     | 9               | 37.0          | 3363         | 122             | 36.0          |
| 1941 | 277                     | 22              | 79.4          | 3511         | 155             | 44.0          |
| 1942 | 286                     | 15              | 52.4          | 4062         | 220             | 54.0          |
| 1943 | 311                     | 20              | 64.3          | 4210         | 288             | 69.0          |
| 1944 | 351                     | 29              | 82.6          | 4684         | 391             | 83.0          |
| 1945 | 363                     | 47              | 129.2         | 4340         | 474             | 109.0         |
| 1946 | 304                     | 14              | 45.0          | 4531         | 310             | 68.0          |
| 1947 | 368                     | 22              | 60.0          | 4905         | 269             | 55.0          |
| 1948 | 315                     | 17              | 54.0          | 4326         | 216             | 49.0          |
| 1949 | 334                     | 21              | 62.9          | 4056         | 182             | 46.0          |
| 1950 | 343                     | 29              | 84.6          | 3995         | 183             | 46.0          |
| 1951 | 302                     | 24              | 80.0          | 3997         | 202             | 50.0          |
| 1952 | 301                     | 12              | 39.9          | 4006         | 175             | 44.0          |
| 1953 | 347                     | 14              | 40.34         | 4250         | 173             | 41.0          |
| 1954 | 349                     | 22              | 63.0          | 4298         | 218             | 51.0          |
| 1955 | 273                     | 14              | 51.3          | 4183         | 187             | 45.0          |
| 1956 | 308                     | 23              | 74.7          | 4571         | 201             | 44.0          |
| 1957 | 329                     | 20              | 60.8          | 4748         | 193             | 41.0          |
| 1958 | 304                     | 16              | 52.6          | 4809         | 186             | 38.0          |
| 1959 | 302                     | 13              | 43.0          | 4800         | 199             | 41.0          |
| 1960 | 301                     | 15              | 50.0          | 5183         | 213             | 41.0          |
| 1961 | 337                     | 14              | 41.6          | 5337         | 272             | 51.0          |
| 1962 | 357                     | 22              | 61.6          | 5528         | 275             | 49.7          |
| 1963 | 321                     | 14              | 43.6          | 5692         | 308             | 54.1          |
| 1964 | 310                     | 18              | 58.0          | 5937         | 314             | 52.9          |





STATISTICAL TABLE - CAUSES OF DEATH DIVIDED INTO SEX AND AGE GROUPS

|                      |   | Total<br>All<br>Ages. | Under<br>4<br>weeks | 4 wks.<br>& under<br>1 year | Age in Years |    |     |     |     |     |     |     |    | 75 &<br>over |
|----------------------|---|-----------------------|---------------------|-----------------------------|--------------|----|-----|-----|-----|-----|-----|-----|----|--------------|
|                      |   |                       |                     |                             | 1-           | 5- | 15- | 25- | 35- | 45- | 55- | 65- |    |              |
| Malignant Neoplasm - | M | 3                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 2   | 1  |              |
| Stomach              | F | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 1  |              |
| Malignant Neoplasm - | M | 3                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 2   | -   | 1  |              |
| Bronchus & Lung      | F | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Malignant Neoplasm - | M | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Breast               | F | 3                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | 1   | 1  |              |
| Malignant Neoplasm - | M | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Uterus               | F | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 1  |              |
| Other Malignant and  | M | 8                     | -                   | -                           | 1            | -  | -   | -   | -   | 1   | 1   | 2   | 3  |              |
| Lymphatic Neoplasms  | F | 6                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 2   | 2   | 2  |              |
| Aleukaemia,          | F | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | -  |              |
| Leukaemia            | M | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | -  |              |
| Diabetes             | F | 2                     | -                   | -                           | -            | 1  | -   | -   | -   | -   | -   | -   | 1  |              |
| Vascular Lesions,    | M | 17                    | -                   | -                           | -            | -  | -   | -   | -   | -   | 2   | 9   | 6  |              |
| Nervous System       | F | 19                    | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 5   | 14 |              |
| Coronary Disease,    | M | 20                    | -                   | -                           | -            | -  | -   | -   | -   | 2   | 1   | 10  | 7  |              |
| Angina               | F | 10                    | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | 5   | 4  |              |
| Hypertension with    | M | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Heart Disease        | F | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 2  |              |
| Other Heart Disease  | M | 6                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 6  |              |
|                      | F | 13                    | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 2   | 11 |              |
| Other Circulatory    | M | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 2  |              |
| Disease              | F | 4                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 4  |              |
| Influenza            | F | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 1  |              |
| Pneumonia            | M | 5                     | -                   | 2                           | -            | -  | -   | -   | -   | -   | -   | -   | 3  |              |
|                      | F | 3                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 2  |              |
| Bronchitis           | M | 3                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 2  |              |
|                      | F | 4                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 3  |              |
| Other Disease of     | M | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | -   | -  |              |
| Respiratory System   | F | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Ulcer of Stomach     | M | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 1  |              |
| and Duodenum         | F | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Gastritis-enteritis  | M | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 1  |              |
| and Diarrhoea        | F | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | -   | -  |              |
| Hyperplasia of       | M | 4                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | 3  |              |
| Prostate             |   |                       |                     |                             |              |    |     |     |     |     |     |     |    |              |
| Congenital           | M | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Malformations        | F | 1                     | 1                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| Other defined and    | M | 7                     | -                   | -                           | -            | -  | -   | -   | -   | 1   | 1   | 2   | 3  |              |
| Ill-Defined Diseases | F | 11                    | 1                   | -                           | -            | -  | -   | -   | 1   | 1   | -   | 3   | 5  |              |
| Motor Vehicle        | M | 4                     | -                   | -                           | -            | 1  | 1   | -   | 1   | -   | 1   | -   | -  |              |
| Accidents            | F | 0                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | -  |              |
| All Other Accidents  | M | 2                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | -   | 2  |              |
|                      | F | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | -   | 1   | -  |              |
| Suicide              | M | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | -   | -  |              |
|                      | F | 1                     | -                   | -                           | -            | -  | -   | -   | -   | -   | 1   | -   | -  |              |
| TOTAL ALL CAUSES     | M | 90                    | -                   | 2                           | 1            | 1  | 1   | -   | 1   | 4   | 10  | 29  | 41 |              |
|                      | F | 87                    | 2                   | -                           | -            | 1  | -   | -   | 1   | 1   | 6   | 24  | 52 |              |
| TOTAL                |   | 177                   | 2                   | 2                           | 1            | 2  | 1   | -   | 2   | 5   | 16  | 53  | 93 |              |

The over 75 years are 53% of total deaths  
The over 65 years are 83% of total deaths



Percentage of deaths from special causes:-

|                      | <u>1960</u> | <u>1961</u> | <u>1962</u> | <u>1963</u> | <u>1964</u> |
|----------------------|-------------|-------------|-------------|-------------|-------------|
| Tuberculosis         | 0           | 0.48        | 0.485       | 0           | 0           |
| Respiratory Diseases | 8.8         | 8.6         | 11.16       | 12.2        | 9.0         |
| Circulatory Diseases | 53.6        | 49.5        | 46.1        | 48.4        | 52.5        |
| All Cancers          | 15.5        | 17.0        | 20.4        | 18.3        | 15.8        |
| Cancer of the Lung   | 3.6         | 0.96        | 3.3         | 2.8         | 1.7         |

The table below gives percentage of deaths according to sex from certain diseases in England and Wales during 1964.

|                        | <u>M. &amp; F.</u><br><u>Combined.</u> | <u>Male</u> | <u>Female</u> |
|------------------------|--|-------------|---------------|
| Pulmonary Tuberculosis | 0.41                                   | 0.62        | 0.19          |
| Other Tuberculosis     | 0.05                                   | 0.05        | 0.05          |
| Respiratory Diseases   | 10.89                                  | 12.22       | 9.09          |
| Circulatory Diseases   | 50.84                                  | 47.9        | 54.01         |
| Cancer, All Forms      | 19.58                                  | 20.47       | 18.6          |
| Cancer, Lungs          | 4.74                                   | 7.8         | 1.5           |





| Year | Oundle and Thrapston Rural District |                                   |                    | County         |                       |                | England and Wales               |   |
|------|-------------------------------------|-----------------------------------|--------------------|----------------|-----------------------|----------------|---------------------------------|---|
|      | Number                              | Rate per 1,000 Population (Crude) | Comparative Factor | Deaths Under 1 |                       | Deaths Under 1 | Death Rate per 1,000 Population | Rate per 1,000 Births of Deaths Under 1 |
|      |                                     |                                   |                    | Number         | Rate per 1,000 Births | Number         |                                 |   |
| 1935 | 232                                 | 13.8                              | .78                | 14             | 57                    | 146            | 11.7                            | 57                                      |
| 1936 | 207                                 | 12.5                              | .78                | 9              | 36                    | 146            | 12.1                            | 59                                      |
| 1937 | 234                                 | 14.2                              | .78                | 16             | 69                    | 136            | 12.4                            | 58                                      |
| 1938 | 226                                 | 14.0                              | .78                | 12             | 47                    | 131            | 11.6                            | 53                                      |
| 1939 | 214                                 | 13.2                              | .78                | 12             | 47                    | 137            | 12.1                            | 50                                      |
| 1940 | 204                                 | 12.0                              | .78                | 6              | 24                    | 170            | 14.3                            | 55                                      |
| 1941 | 212                                 | 13.0                              | N.K.               | 8              | 27                    | 182            | 12.9                            | 59                                      |
| 1942 | 246                                 | 11.8                              | N.K.               | 8              | 27                    | 140            | 11.6                            | 49                                      |
| 1943 | 220                                 | 12.3                              | N.K.               | 12             | 38                    | 170            | 12.1                            | 49                                      |
| 1944 | 212                                 | 12.2                              | N.K.               | 11             | 31                    | 178            | 11.6                            | 46                                      |
| 1945 | 203                                 | 12.3                              | N.K.               | 17             | 47                    | 170            | 11.4                            | 46                                      |
| 1946 | 220                                 | 12.8                              | N.K.               | 14             | 46                    | 167            | 11.5                            | 43                                      |
| 1947 | 214                                 | 12.6                              | N.K.               | 6              | 16.3                  | 162            | 12.0                            | 41                                      |
| 1948 | 167                                 | 9.28                              | N.K.               | 13             | 25.4                  | 137            | 10.8                            | 34                                      |
| 1949 | 248                                 | 13.48                             | .88                | 9              | 27.0                  | 137            | 11.7                            | 32                                      |
| 1950 | 229                                 | 12.4                              | .87                | 11             | 32.0                  | 118            | 11.6                            | 29.8                                    |
| 1951 | 240                                 | 13.0                              | .87                | 11             | 36.4                  | 101            | 11.3                            | 29.6                                    |
| 1952 | 203                                 | 11.1                              | .87                | 8              | 26.5                  | 100            | 11.3                            | 27.6                                    |
| 1953 | 168                                 | 10.43                             | .87                | 6              | 17.3                  | 105            | 11.4                            | 26.8                                    |
| 1954 | 207                                 | 10.13                             | .91                | 8              | 22.95                 | 101            | 11.3                            | 25.4                                    |
| 1955 | 212                                 | 11.55                             | .91                | 4              | 14.65                 | 87             | 11.7                            | 24.9                                    |
| 1956 | 194                                 | 10.38                             | .98                | 2              | 6.5                   | 90             | 11.7                            | 23.7                                    |
| 1957 | 203                                 | 11.02                             | .99                | 9              | 27.3                  | 107            | 11.5                            | 23.1                                    |
| 1958 | 166                                 | 9.0                               | .99                | 8              | 26.31                 | 95             | 11.7                            | 22.6                                    |
| 1959 | 179                                 | 9.5                               | .97                | 5              | 16.6                  | 97             | 11.6                            | 22.2                                    |
| 1960 | 194                                 | 10.3                              | .98                | 5              | 16.6                  | 117            | 11.5                            | 21.9                                    |
| 1961 | 208                                 | 11.0                              | .99                | 4              | 11.87                 | 94             | 12.0                            | 21.6                                    |
| 1962 | 205                                 | 10.9                              | .98                | 8              | 22.4                  | 108            | 11.9                            | 21.6                                    |
| 1963 | 213                                 | 11.5                              | 1.03               | 12             | 37.4                  | 102            | 12.2                            | 20.9                                    |
| 1964 | 177                                 | 9.6                               | 1.03               | 4              | 12.9                  | 109            | 11.3                            | 20.0                                    |

In 1897 Infantile Mortality Rate was 134 per 1,000 births. It was not until 1906 that the rate fell below 100.





| Estimated<br>Population<br>1931 .. 17128 | Live Births |                     |                               | Deaths      |                       |                     |                     |                     | Maternal Mortality                 |                       |                       |                               |
|--|-------------|---------------------|-------------------------------|-------------|-----------------------|---------------------|---------------------|---------------------|------------------------------------|-----------------------|-----------------------|-------------------------------|
|  |             |                     |                               | All Ages    | Under 1               | Pul. Tuber          | Non-Pul. Tub.       | Cancer              | Sepsis.                            | Other                 | All Causes            | Rate<br>per<br>1000<br>Births |
|  | No.         | Rate<br>per<br>1000 | Rate<br>per<br>1000<br>Births | No.<br>pop. | No.<br>1000<br>Births | No.<br>1000<br>pop. | No.<br>1000<br>pop. | No.<br>1000<br>Pop. | No.<br>Births &<br>Live &<br>Still | No.<br>1000<br>Births | No.<br>1000<br>Births |                               |
| 1935 ..                                  | 245         | 14.5                | 57                            | 232         | 14                    | 9                   | 1                   | 18                  | 0                                  | 1                     | 1                     | 3.9                           |
| 1936 ..                                  | 250         | 15.1                | 36                            | 207         | 9                     | 2                   | 4                   | 29                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1937 ..                                  | 231         | 14.0                | 69                            | 234         | 16                    | 6                   | 4                   | 26                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1938 ..                                  | 253         | 15.6                | 47                            | 226         | 12                    | 11                  | 4                   | 30                  | 1                                  | 1                     | 2                     | 7.6                           |
| 1939 ..                                  | 252         | 15.7                | 47                            | 214         | 12                    | 9                   | 0                   | 22                  | 0                                  | 1                     | 1                     | 3.8                           |
| 1940 ..                                  | 243         | 14.3                | 24                            | 204         | 6                     | 5                   | 4                   | 32                  | 1                                  | 0                     | 1                     | 3.96                          |
| 1941 ..                                  | 277         | 14.6                | 27                            | 212         | 8                     | 6                   | 1                   | 35                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1942 ..                                  | 286         | 16.0                | 27                            | 246         | 8                     | 3                   | 3                   | 26                  | 1                                  | 0                     | 1                     | 3.41                          |
| 1943 ..                                  | 311         | 17.7                | 38                            | 220         | 12                    | 6                   | 1                   | 32                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1944 ..                                  | 351         | 20.2                | 31                            | 212         | 11                    | 6                   | 3                   | 35                  | 1                                  | 1                     | 2                     | 5.6                           |
| 1945 ..                                  | 363         | 21.4                | 47                            | 208         | 17                    | 6                   | 0                   | 30                  | 1                                  | 0                     | 1                     | 2.67                          |
| 1946 ..                                  | 304         | 17.5                | 46                            | 220         | 14                    | 6                   | 1                   | 31                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1947 ..                                  | 368         | 21.08               | 16                            | 214         | 6                     | 5                   | 1                   | 23                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1948 ..                                  | 315         | 17.5                | 44                            | 167         | 13                    | 8                   | 1                   | 29                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1949 ..                                  | 334         | 18.0                | 27                            | 248         | 9                     | 7                   | 1                   | 48                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1950 ..                                  | 343         | 20.7                | 32                            | 229         | 11                    | 4                   | 3                   | 27                  | 0                                  | 1                     | 1                     | 3.0                           |
| 1951 ..                                  | 302         | 18.16               | 36                            | 240         | 11                    | 2                   | 2                   | 34                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1952 ..                                  | 301         | 18.0                | 26                            | 203         | 8                     | 0                   | 0                   | 33                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1953 ..                                  | 347         | 20.78               | 17                            | 168         | 6                     | 1                   | 0                   | 23                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1954 ..                                  | 349         | 20.4                | 23                            | 207         | 8                     | 4                   | 0                   | 30                  | 1                                  | 0                     | 1                     | 3.0                           |
| 1955 ..                                  | 273         | 16.2                | 15                            | 212         | 4                     | 0                   | 1                   | 35                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1956 ..                                  | 305         | 18.3                | 6                             | 194         | 2                     | 0                   | 0                   | 28                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1957 ..                                  | 329         | 19.4                | 27                            | 203         | 9                     | 0                   | 0                   | 39                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1958 ..                                  | 304         | 17.9                | 26                            | 166         | 8                     | 1                   | 1                   | 31                  | 0                                  | 1                     | 1                     | 3.28                          |
| 1959 ..                                  | 302         | 17.9                | 16                            | 179         | 5                     | 0                   | 0                   | 34                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1960 ..                                  | 301         | 17.6                | 16                            | 194         | 5                     | 0                   | 0                   | 27                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1961 ..                                  | 337         | 19.25               | 12                            | 208         | 4                     | 1                   | 0                   | 34                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1962 ..                                  | 357         | 20.4                | 22                            | 206         | 8                     | 1                   | 0                   | 39                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1963 ..                                  | 321         | 19.3                | 37                            | 213         | 12                    | 0                   | 0                   | 39                  | 0                                  | 0                     | 0                     | 0.0                           |
| 1964 ..                                  | 310         | 18.7                | 12.9                          | 177         | 4                     | 0                   | 0                   | 28                  | 0                                  | 0                     | 0                     | 0.0                           |

Note: The district as it is now constituted came into being on the 1st April, 1935.

Birth and death rates are standard rates except for the war years 1941 - 48 inclusive when the rates were crude rates.





## INFECTIOUS DISEASES, 1964

|                | <u>Male</u> | <u>Female</u> | <u>Total</u> |
|----------------|-------------|---------------|--------------|
| Whooping Cough | 8           | 12            | 20           |
| Measles        | 96          | 79            | 175          |
| Pneumonia      | 3           | -             | 3            |
| Dysentery      | 1           | -             | 1            |

### TUBERCULOSIS

The number of notifications of tuberculosis during 1964 was:-

| <u>PULMONARY</u> |               |              | <u>NON-PULMONARY</u> |               |              |
|------------------|---------------|--------------|----------------------|---------------|--------------|
| <u>Male</u>      | <u>Female</u> | <u>Total</u> | <u>Male</u>          | <u>Female</u> | <u>Total</u> |
| 3                | 3             | 6            | -                    | 3             | 3            |

There were no deaths from pulmonary tuberculosis during 1964.

#### Number of Cases of Tuberculosis on Register 31st December, 1964

| <u>PULMONARY</u> |               |              | <u>NON-PULMONARY</u> |               |              |
|------------------|---------------|--------------|----------------------|---------------|--------------|
| <u>Male</u>      | <u>Female</u> | <u>Total</u> | <u>Male</u>          | <u>Female</u> | <u>Total</u> |
| 44               | 33            | 77           | 9                    | 20            | 29           |

### GENERAL HEALTH SERVICES

#### (a) Laboratory Facilities

The Public Health Laboratory Service, Northampton, Kettering and Peterborough, examined material submitted by general practitioners in the area, and also carried out the bacteriological examination of water and other samples submitted from this district.

It also carried out examinations of milk samples by the Methylene Blue and Phosphatase tests.

Chemical analyses of water supplies and presumptive B. Coli tests are carried out by the Public Analyst, Cambridge.

#### (b) Diptheria Anti-Toxin

A supply of anti-toxin is kept at Rushden Sanatorium, Doddington Road Hospital, Wellingborough and the General Hospital, Kettering.

#### (c) Ambulances

The scheme of ambulance services now available under the National Health Service Act is :-

Islip Ambulance: Aldwinckle, Clopton, Denford, Islip, Lowick, Sudborough, Slipton, Thrapston, Titchmarsh, Thorpe, Twywell and Woodford.



Oundle Ambulance: Ashton, Apethorpe, Barnwell, Benefield, Cotterstock, Fotheringhay, Glapthorn, Hemington, King's Cliffe, Lilford, Luddington, Lutton, Nassington, Pilton, Polebrook, Southwick, Stoke Doyle, Tansor, Thurning, Wadenhoe, Warmington, Woodnewton and Yarwell.

Higham Ferrers Ambulance: Chelveston-cum-Caldecott.

Irthlingborough Ambulance: Great Addington, Little Addington

Weldon Ambulance: Blatherwycke, Brigstock, Bulwick, Deene, Deenethorpe, Fineshade, Harringworth, Laxton and Wakerley.

Raunds Ambulance: Hargrave, Ringstead.

Ambulance for Infectious Diseases

The same ambulance is used for infectious diseases as for non-infectious diseases.

National Assistance Act, 1948

Section 47 of the Act, confers on all Sanitary Authorities the power to remove to a suitable hospital or other place, persons who:-

- (a) are suffering from grave chronic disease, or being aged, infirm or physically incapacitated, are living in insanitary conditions; and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.

No formal action under the Section was necessary during the year.





# SANITARY CIRCUMSTANCES IN THE DISTRICT

## Housing

The building programme for the year 1964 was as follows:-

|  |    |
|--|----|
| Number of Council houses built during the year                     | 19 |
| Number of Council houses under construction at the end of the year | 39 |
| Number of private houses built during the year                     | 76 |
| Number of private houses under construction at the end of the year | 27 |

The following Clearance Areas have been dealt with post-war up to the date of this Report:-

| No. of Clearance Area | Situation                                   | No. of Houses | Date of Confirmation by Ministry |
|-----------------------|---|---------------|----------------------------------|
| 30                    | North Street, Titchmarsh                    | 7             | 3rd July, 1952                   |
| 31                    | Woodford Road, Great Addington              | 6             | 3rd July, 1952                   |
| 33                    | Bakehouse Hill, Little Addington            | 2             | 22nd December, 1952              |
| 34                    | Lyveden Road, Brigstock                     | 2             | 14th April, 1953                 |
| 35                    | Pond Yard, Collyweston                      | 3             | 17th December, 1953              |
| 36                    | Harvey's Lane, Little Addington             | 2             | 4th November, 1954               |
| 37                    | Front Street, Denford                       | 4             | 14th September, 1954             |
| 38                    | Vine Cottages, Great Addington              | 3             | 19th April, 1955                 |
| 39                    | High Street, Ringstead                      | 2             | 7th February, 1956               |
| 40                    | Baker's Lane, Woodford                      | 3             | 15th April, 1956                 |
| 41                    | Main Street, Twywell                        | 3             | 9th August, 1956                 |
| 42                    | Denford Road, Ringstead                     | 2             | 12th July, 1956                  |
| 43                    | London End, Titchmarsh                      | 3             | 12th July, 1956                  |
| 44                    | Denford Road, Ringstead                     | 3             | Site Purchased                   |
| 45                    | Polopit, Titchmarsh                         | 2             | 16th October, 1956               |
| 46                    | Club Lane, Woodford                         | 2             | 27th November, 1956              |
| 47                    | Chapel Street, Titchmarsh                   | 2             | 18th July, 1957                  |
| 48                    | Polopit, Titchmarsh                         | 4             | 20th December, 1957              |
| 49                    | St. Andrews Lane, Titchmarsh                | 2             | 3rd June, 1958                   |
| 50                    | Church Street, Easton-on-the-Hill           | 4             | 20th May, 1958                   |
| 51                    | Chapel Yard, Easton-on-the-Hill             | 3             | 24th July, 1958                  |
| 52                    | The Lane, Easton-on-the-Hill                | 2             | 29th July, 1958                  |
| 53                    | Rectory End, Easton-on-the-Hill             | 2             | 29th July, 1958                  |
| 54                    | Newtown, Easton-on-the-Hill                 | 2             | 29th July, 1958                  |
| 55                    | The Square, Easton-on-the-Hill              | 3             | 15th July, 1958                  |
| 56                    | Newtown, Easton-on-the-Hill                 | 2             | 18th November, 1958              |
| 57                    | West Street, Easton-on-the-Hill             | 2             | 18th November, 1958              |
| 58                    | Bell Street, Easton-on-the-Hill             | 2             | 26th February, 1959              |
| 59                    | Church Street, Nassington                   | 2             | 26th February, 1959              |
| 60                    | Carlow Street, Ringstead                    | 2             | 13th March, 1959                 |
| 61                    | Newtown, Woodford                           | 3             | 13th March, 1959                 |
| 62                    | Long Yard, Islip                            | 3             | 13th March, 1959                 |
| 63                    | Bell Street, Easton-on-the-Hill             | 2             | 13th April, 1959                 |
| 64                    | Bell Street, Easton-on-the-Hill             | 3             | 10th July, 1959                  |
| 65                    | Park Street, King's Cliffe                  | 3             | 27th October, 1959               |
| 66                    | Hathaway's Yard, Park Street, King's Cliffe | 5             | 1st July, 1959.                  |
| 67                    | Woodford Road, Great Addington              | 2             | 8th April, 1960                  |
| 68                    | Hill's Yard, Station Road, Nassington       | 2             | 2nd February, 1961               |
| 69                    | New Road, Collyweston                       | 4             | 7th June, 1962                   |
| 70                    | Station Road, Nassington                    | 4             | 29th August, 1962                |
| 71                    | Addington Road, Woodford                    | 4             | 29th August, 1962.               |
| 72                    | High Street, Woodford                       | 3             | 29th August, 1962                |
| 73                    | Park Street, King's Cliffe                  | 8             | 26th February, 1963              |
| 74                    | Woodford Road, Great Addington              | 2             | 28th March, 1963                 |
| 75                    | High Street, Woodford                       | 3             | 24th January, 1964               |
| 76                    | Raunds Road, Chelveston                     | 3             | 17th January, 1964               |
| 77                    | Church Street, Hargrave                     | 3             | 23rd March, 1964.                |

|  |   |            |
|--|---|------------|
| Total number of houses dealt with in Clearance Areas | - | 140        |
| Total number of individual houses dealt with         | - | 96         |
| TOTAL  |   | <u>236</u> |



## WATER SUPPLIES

The Council accepted the principle of Flouridation of water supplies. But the Water Board is in an impossible situation when sanitary authorities whom they supply are not agreed. The only solution is that fluoridation should be made a national policy.

For Public Health purposes all water analyses should be -

- (a) Chemical
- (b) Bacteriological

The one can check the other.

### Chemical

Although all items in the chemical analysis may be important under ordinary circumstances for Public Water Supply, the proportions of the Ammonias, oxides of nitrogen, and the amount of Oxygen absorbed are the most revealing; especially the Oxygen absorbed. The amount of Oxygen absorbed is a criterion of the amount of organic matter in the water. Your water supplies, being deep well water, usually have less organic matter in suspension than have surface waters. Excluding contamination in the pipe conduction deep well water is the more dependable.

Deep well water in this limestone district is normally very hard due to the soluble magnesium and calcium salts - about 40 parts per 100,000.

### Bacteriological Analysis

This divides the Bacteria into two kinds -

- (a) Those thriving at body heat -  $37^{\circ}\text{C}$
- (b) Those thriving at room heat -  $21^{\circ}\text{C}$

Those growing at  $37^{\circ}\text{C}$  and not at  $21^{\circ}\text{C}$  are potentially disease producers, the others are not. But the presence of either alone would be suspicious of contamination.







Summary of Results of Bacteriological Examinations  
and Chemical Analyses

| Source   | Public Health Lab.<br>Bact. Examination |               |               | Public Analyst<br>Bact. Examination<br>and Chemical Analysis |               |              |
|--|---|---------------|---------------|--|---------------|--------------|
|  | Total<br>No. of<br>Samples              | No.<br>Satis. | No.<br>Unsat. | Total<br>No. of<br>Samples                                   | No.<br>Satis. | No.<br>Unsat |
| Barnwell   | 6                                       | 6             | -             | -  | -             | -            |
| Brigstock  | 1                                       | 1             | -             | -  | -             | -            |
| Cotterstock  | 3                                       | 2             | 1             | -  | -             | -            |
| Islip  | 5                                       | 3             | 2             | -  | -             | -            |
| Raunds (Hargrave)  | 2                                       | 2             | -             | -  | -             | -            |
| Ringstead  | 6                                       | 6             | -             | -  | -             | -            |
| Thrapston  | 11                                      | 9             | 2             | -  | -             | -            |
| Tixover  | 2                                       | 2             | -             | -  | -             | -            |
| Woodford   | 3                                       | 3             | -             | -  | -             | -            |
| Mid Northants<br>Water Board<br>(Benefield)              | 1                                       | 1             | -             | -  | -             | -            |
| Private (including<br>test samples on new<br>boreholes). | 3                                       | -             | 3             | 1  | -             | 1            |
| TOTAL  | 43                                      | 35            | 8             | 1  | -             | 1            |

The Nene and Ouse Water Board is now responsible for Water Supply to the Rural District and normally send copies of sample analyses to us. Nevertheless, we take samples ourselves if circumstances warrant.

None of the waters in the Rural District are liable to have a plumbo-solvent action.

The following typical analyses of raw water from the respective sources have been supplied by the Nene and Ouse Water Board:-

Sample of Water labelled "Raw Water, Barnwell" received on the 13th May, 1964.

-----

Physical Examination

Appreciable deposit, odourless and colourless (Hazen less than 5.0).



### General Chemical Examination

Reaction .. pH 7.2

parts per 100,000

|  |        |
|--|--------|
| Free Carbon Dioxide (CO <sub>2</sub> ) ..... | 1.45   |
| Ammoniacal Nitrogen (N) <sub>2</sub> .....   | 0.0240 |
| Albuminoid Nitrogen (N).....                 | 0.0076 |
| Nitrous Nitrogen.....                        | absent |
| Nitric Nitrogen.....                         | 0.05   |
| Hardness (CaCO <sub>3</sub> Clark).....      | 36.7   |
| Temporary.....                               | 20.7   |
| Permanent.....                               | 16.0   |
| Permanganate Figure.....                     | 0.0891 |
| Alkalinity.....                              | 24.75  |
| Total Solids.....                            | 66.4   |
| Poisonous Metals.....                        | absent |

### Microscopical Examination of deposit

Mineral Matter with a little organic debris.

Plumbo Solvency - No action on lead in 3 days at 21°C

### Bacteriological Examination

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = nil

Number of microorganisms per ml developing at 21°C = 17

### R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing an appreciable amount of organic matter though containing comparatively few bacteria.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes. It is to be recommended however that the supply be kept under observation.

-----

Sample of Water labelled "Raw Water Tixover" received on the 13th May, 1964.

### Physical Examination

Slight deposit , faintly turbid, odourless and colourless (Hazen - less than 5.0)

### General Chemical Examination

Reaction ... pH 7.2

parts per 100,000

|   |        |
|---|--------|
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 2.10   |
| Ammoniacal Nitrogen (N) <sub>2</sub> .....  | nil    |
| Albuminoid Nitrogen (N).....                | 0.0024 |
| Nitrous Nitrogen.....                       | absent |
| Nitric Nitrogen (N).....                    | 0.3    |
| Hardness (CaCO <sub>3</sub> Clark).....     | 32.5   |
| Temporary.....                              | 16.3   |
| Permanent.....                              | 16.2   |
| Permanganate Figure.....                    | 0.0313 |
| Alkalinity.....                             | 23.95  |
| Total Solids.....                           | 55.8   |
| Poisonous Metals.....                       | absent |







### Microscopical Examination of Deposit

Mainly mineral matter with a trace of "iron bacteria".

Plumbo-Solvency - No action on lead in 3 days at 21°C

### Bacteriological Examination

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = nil

Number of microorganisms per ml developing at 21°C = 2

### R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing little organic matter and few bacteris.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

-----

Sample of Water labelled "Raw Water Cotterstock received on the 13th May, 1964.

-----

### Physical Examination

Clear and bright, odourless and colourless (Hazen less than 5.0).

### General Chemical Examination

| Reaction pH 7.3                             | <u>parts per 100,000</u> |
|---|--------------------------|
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 1.61                     |
| Ammoniacal Nitrogen (N) <sup>2</sup> .....  | 0.0006                   |
| Albuminoid Nitrogen (N).....                | 0.0064                   |
| Nitrous Nitrogen (N).....                   | absent                   |
| Nitric Nitrogen (N).....                    | 0.6                      |
| Hardness (CaCO <sub>3</sub> Clark).....     | 36.3                     |
| Temporary.....                              | 18.3                     |
| Permanent.....                              | 18.0                     |
| Permanganate Figure.....                    | 0.0396                   |
| Alkalinity.....                             | 32.5                     |
| Total Solids.....                           | 61.8                     |
| Poisonous Metals.....                       | absent                   |

### Microscopical Examination of Deposit

None

Plumbo-Solvency - No action on lead in 3 days at 21°C.

### Bacteriological Examination

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = nil

Number of microorganisms per ml developing at 21°C = 2



R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing little organic matter and few bacteria.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

-----

Sample of Water labelled "Raw Water Ringstead (Ham Lane)" received on the 20th May, 1964.

-----

Physical Examination

Clear and bright, odourless and colourless (Hazen less than 5.0)

General Chemical Examination

|   |                          |
|---|--------------------------|
| Reaction pH 7.0                             |                          |
|   | <u>parts per 100,000</u> |
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 3.05                     |
| Ammoniacal Nitrogen (N) <sub>2</sub> .....  | 0.0050                   |
| Albuminoid Nitrogen (N).....                | 0.0062                   |
| Nitrous Nitrogen.....                       | absent                   |
| Nitric Nitrogen (N).....                    | 0.10                     |
| Hardness (CaCO <sub>3</sub> Clark).....     | 36.3                     |
| Temporary.....                              | 18.3                     |
| Permanent.....                              | 18.0                     |
| Permanganate Figure.....                    | 0.0792                   |
| Alkalinity (CaCO <sub>3</sub> ).....        | 27.0                     |
| Total Solids.....                           | 73.7                     |
| Poisonous Metals.....                       | absent                   |

Microscopical Examination of Deposit

None.

Plumbo-Solvency - No action on lead in 3 days at 21° C.

Bacteriological Examination

Coliform organisms absent in 100 mls.  
Number of microorganisms per ml developing at 37° C = nil  
Number of microorganisms per ml developing at 21° C = 6

R E M A R K S

The results obtained on the analysis of this sample indicate a hard water slightly contaminated with organic matter though containing few bacteria.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

-----





Sample of Water labelled "Raw Water Brigstock" received on the 20th May, 1964.

-----

Physical Examination

Very slight deposit, odourless and colourless.  
(Hazen less than 5.0)

General Chemical Examination

|   |                          |
|---|--------------------------|
| Reaction pH 6.9                             |                          |
|   | <u>parts per 100,000</u> |
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 2.05                     |
| Ammoniacal Nitrogen (N) <sup>2</sup> .....  | nil                      |
| Albuminoid Nitrogen (N).....                | nil                      |
| Nitrous Nitrogen.....                       | absent                   |
| Nitric Nitrogen (N).....                    | 0.20                     |
| Hardness (CaCO <sub>3</sub> Clark).....     | 39.5                     |
| Temporary.....                              | 23.2                     |
| Permanent.....                              | 16.3                     |
| Permanganate Figure.....                    | 0.0265                   |
| Alkalinity.....                             | 33.0                     |
| Total Solids.....                           | 61.5                     |
| Poisonous Metals.....                       | absent                   |

Microscopical Examination of Deposit

Mainly mineral matter.

Plumbo-Solvency - No action on lead in 3 days at 21°C

Bacteriological Examination

Coliform organisms absent in 100 mls.  
Number of microorganisms per ml developing at 37°C = nil  
Number of microorganisms per ml developing at 21°C = 1

R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing little organic matter and few bacteria.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

-----

Sample of Water labelled "Raw Water Woodford" received on the 20th May, 1964.

-----

Physical Examination

Clear and bright, odourless and colourless (Hazen - less than 5.0)

General Chemical Examination

|   |                          |
|---|--------------------------|
| Reaction pH 7.3                             |                          |
|   | <u>parts per 100,000</u> |
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 1.20                     |
| Ammoniacal Nitrogen (N) <sup>2</sup> .....  | nil                      |



|   |        |
|---|--------|
| Albuminoid Nitrogen (N).....            | 0.0070 |
| Nitrous Nitrogen.....                   | absent |
| Nitric Nitrogen (N) .....               | 0.50   |
| Hardness (CaCO <sub>3</sub> Clark)..... | 35.3   |
| Temporary.....                          | 17.5   |
| Permanent.....                          | 17.8   |
| Permanganate Figure.....                | 0.0495 |
| Alkalinity.....                         | 24.5   |
| Total Solids.....                       | 71.1   |
| Poisonous Metals.....                   | absent |

#### Microscopical Examination of Deposit

None.

Plumbo-Solvency - No action on lead in 3 days at 21°C.

#### Bacteriological Examination

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = nil

Number of microorganisms per ml developing at 21°C = 2

#### R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing little organic matter and few bacteria.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes.

-----

Sample of Water labelled "Raw Water Thrapston" received on the 20th May, 1965.

-----

#### Physical Examination

Clear and bright, odourless and colourless. (Hazen - less than 5.0)

#### General Chemical Examination

|   |                          |
|---|--------------------------|
| Reaction pH 7.2                             | <u>parts per 100,000</u> |
| Free Carbon Dioxide (CO <sub>2</sub> )..... | 1.75                     |
| Ammoniacal Nitrogen (N).....                | nil                      |
| Albuminoid Nitrogen (N).....                | 0.0024                   |
| Nitrous Nitrogen.....                       | absent                   |
| Nitric Nitrogen (N).....                    | 1.30                     |
| Hardness (CaCO <sub>3</sub> Clark).....     | 41.8                     |
| Temporary.....                              | 22.4                     |
| Permanent.....                              | 19.4                     |
| Permanganate Figure.....                    | 0.0280                   |
| Alkalinity.....                             | 30.0                     |
| Total Solids.....                           | 79.7                     |
| Poisonous Metals.....                       | absent                   |

#### Microscopical Examination of Deposit

None





Plumbo-Solvency - No action on Lead in 3 days at 21°C.

Bacteriological Examination

Coliform organisms absent in 100 mls.

Number of microorganisms per ml developing at 37°C = nil

Number of microorganisms per ml developing at 21°C = nil

R E M A R K S

The results obtained on the analysis of this sample indicate a hard water containing little organic matter and free from bacterial contamination.

I am of opinion that this water as evidenced by the sample is fit for drinking purposes. In view however of the comparatively high nitrate figure it is to be recommended that the supply be kept under observation.

-----



A Public water main is available to the built-up area of the 51 parishes in the Rural District. No Parish in the District is dependant on street standpipes for its water supply.

The following table based on the 1961 survey gives particulars of the estimated number of dwellinghouses and the number of the population supplied from public water mains :-

| Parish                  | Mains Water<br>Direct to Houses |            | Mains Water<br>By Standpipe |            |
|-------------------------|---------------------------------|------------|-----------------------------|------------|
|                         | Houses                          | Population | Houses                      | Population |
| Aldwinckle              | 95                              | 285        | 11                          | 30         |
| Apethorpe               | 47                              | 140        | -                           | -          |
| Ashton                  | 50                              | 138        | -                           | -          |
| Barnwell                | 123                             | 350        | 18                          | 46         |
| Benefield               | 104                             | 340        | -                           | -          |
| Blatherwycke            | 17                              | 35         | 10                          | 20         |
| Brigstock               | 300                             | 850        | 62                          | 180        |
| Bulwick                 | 45                              | 140        | 2                           | 8          |
| Chelveston-cum-Caldecot | 68                              | 200        | 32                          | 95         |
| Clopton                 | 20                              | 62         | 12                          | 38         |
| Collyweston             | 141                             | 360        | 26                          | 68         |
| Cotterstock             | 34                              | 63         | 4                           | 12         |
| Deene                   | 34                              | 90         | -                           | -          |
| Deenethorpe             | 26                              | 63         | -                           | -          |
| Denford                 | 58                              | 146        | 31                          | 64         |
| Duddington              | 41                              | 117        | 20                          | 55         |
| Easton-on-the-Hill      | 298                             | 890        | 8                           | 20         |
| Fineshade               | 14                              | 42         | 3                           | 10         |
| Fotheringhay            | 46                              | 138        | 8                           | 21         |
| Glapthorn               | 53                              | 156        | 20                          | 58         |
| Great Addington         | 43                              | 125        | 32                          | 68         |
| Hargrave                | 34                              | 108        | 26                          | 81         |
| Harringworth            | 46                              | 115        | 13                          | 35         |
| Hemington               | 18                              | 56         | 9                           | 24         |
| Islip                   | 181                             | 500        | 30                          | 74         |
| King's Cliffe           | 278                             | 970        | 43                          | 134        |
| Laxton                  | 30                              | 93         | -                           | -          |
| Lilford-cum-Wigsthorpe  | 58                              | 188        | 9                           | 30         |
| Little Addington        | 57                              | 180        | 12                          | 32         |
| Lowick                  | 75                              | 223        | 30                          | 85         |
| Luddington              | 14                              | 50         | 5                           | 14         |
| Lutton                  | 43                              | 130        | 10                          | 29         |
| Nassington              | 167                             | 432        | 18                          | 31         |
| Pilton                  | 15                              | 74         | 10                          | 25         |
| Polebrook               | 70                              | 221        | 21                          | 58         |
| Ringstead               | 269                             | 814        | 36                          | 81         |
| Southwick               | 55                              | 187        | 5                           | 16         |
| Stoke Doyle             | 34                              | 96         | -                           | -          |
| Sudborough              | 52                              | 132        | 6                           | 14         |
| Tansor                  | 44                              | 140        | 9                           | 24         |
| Thorpe Achurch          | 55                              | 137        | 8                           | 19         |
| Thrapston               | 650                             | 1875       | 35                          | 104        |
| Thurning                | 25                              | 58         | 8                           | 18         |
| Titchmarsh              | 140                             | 339        | 18                          | 20         |
| Twywell                 | 81                              | 207        | 28                          | 49         |
| Wadenhoe                | 32                              | 102        | 7                           | 24         |
| Wakerley                | 16                              | 64         | 15                          | 43         |
| Warmington              | 178                             | 536        | 10                          | 27         |
| Woodford                | 402                             | 1217       | 53                          | 136        |
| Woodnewton              | 55                              | 173        | 14                          | 39         |
| Yarwell                 | 82                              | 248        | 6                           | 15         |





## SEWERAGE AND SEWAGE DISPOSAL

The following villages have been provided with modern sewers and sewage disposal works:-

King's Cliffe  
Easton-on-the-Hill  
Warmington  
Nassington  
Titchmarsh  
Great Addington  
Little Addington

Proposals are at present under consideration for the following:-

|           |   |                                 |
|-----------|---|---------------------------------|
| Thrapston | ) |                                 |
| Islip     | ) |                                 |
| Ringstead | ) | New joint sewage disposal works |
| Denford   | ) |                                 |

Apethorpe and Woodnewton (combined scheme).

Harringworth

Glaphorn

In October, 1958, the Council adopted a priority list of villages in need of sewerage. The list includes Barnwell, Benefield, Collyweston and Polebrook. In view of the increasing demand for residential development in some of the parishes in the District there is an urgent need for sewerage schemes in a number of villages.

### Meat Inspection

There are six licenced slaughterhouses in the Area.

Although every attempt has been made to carry out 100% inspection of meat slaughtered in the area this has not proved possible and it will therefore not be possible to comply with the Meat Inspection Regulations, when these come fully into force.



# FACTORIES ACT, 1937

Details of the administration of this Act are given in the following tables:-

Inspection for purposes of provisions as to health.

| Premises   | Number on Register | Number of   |                 |                      |
|--|--------------------|-------------|-----------------|----------------------|
|  |                    | Inspections | Written Notices | Occupiers Prosecuted |
| (i) Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authorities                       | 6                  | 5           | -               | -                    |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority                     | 64                 | 6           | -               | -                    |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) | -                  | -           | -               | -                    |
| TOTAL  | 70                 | 11          | -               | -                    |

| Particulars   | Number of Cases in which defects were found |          |                   |                   | Number of cases in which prosecutions were instituted |
|---|---|----------|-------------------|-------------------|---|
|   | Found                                       | Remedied | Referred          |                   |   |
|   |   |          | To H.M. Inspector | By H.M. Inspector |   |
| Want of cleanliness (S.1)   | -   | -        | -                 | -                 | -   |
| Overcrowding (S.2)  | -   | -        | -                 | -                 | -   |
| Unreasonable temperature (S.3)  | -   | -        | -                 | -                 | -   |
| Inadequate ventilation (S.4)  | -   | -        | -                 | -                 | -   |
| Ineffective drainage of floors (S.6)  | -   | -        | -                 | -                 | -   |
| Sanitary conveniences (S.7)   |   |          |                   |                   |   |
| (a) Insufficient  | -   | -        | -                 | -                 | -   |
| (b) Unsuitable or defective   | -   | -        | -                 | -                 | -   |
| (c) Not separate for sexes  | -   | -        | -                 | -                 | -   |
| Other offences against the Act (not including offences relating to Outwork) | -   | -        | -                 | -                 | -   |
| TOTAL   | -   | -        | -                 | -                 | -   |





Outwork

There are four factories in the district which employ outworkers.

| Nature of Work  | Section 110   |   |   | Section 111                                       |                |              |
|-----------------|---|---|---|---|----------------|--------------|
|                 | No. of outworkers in August list required by Section 110(1) (c) | No. of Cases of default in sending lists to the Council | No. of prosecutions for failure to supply lists | No. of instances of work in un-wholesome premises | Notices served | Prosecutions |
| Wearing Apparel | 27  | -   | -   | -   | -              | -            |
| Stuffed Toys    | 107   | -   | -   | -   | -              | -            |

Offices, Shops, and Railway Premises Act, 1963

Due to staffing difficulties it has not been possible to enforce the provisions of this act.



PUBLIC CLEANSING

The following table shows the arrangements in force:-

| <u>Parish</u>        |    |    |    |    |    |    | <u>Interval<br/>of Collection</u> |
|----------------------|----|----|----|----|----|----|-----------------------------------|
| Aldwincle            | .. | .. | .. | .. | .. | .. | Weekly                            |
| Apethorpe            | .. | .. | .. | .. | .. | .. | "                                 |
| Armston              | .. | .. | .. | .. | .. | .. | "                                 |
| Ashton               | .. | .. | .. | .. | .. | .. | "                                 |
| Barnwell             | .. | .. | .. | .. | .. | .. | "                                 |
| Benefield            | .. | .. | .. | .. | .. | .. | "                                 |
| Brigstock            | .. | .. | .. | .. | .. | .. | "                                 |
| Chelveston           | .. | .. | .. | .. | .. | .. | "                                 |
| Clopton              | .. | .. | .. | .. | .. | .. | "                                 |
| Cotterstock          | .. | .. | .. | .. | .. | .. | "                                 |
| Denford              | .. | .. | .. | .. | .. | .. | "                                 |
| Easton-on-the-Hill   | .. | .. | .. | .. | .. | .. | "                                 |
| Fotheringhay         | .. | .. | .. | .. | .. | .. | "                                 |
| Glapthorn            | .. | .. | .. | .. | .. | .. | "                                 |
| Great Addington      | .. | .. | .. | .. | .. | .. | "                                 |
| Hargrave             | .. | .. | .. | .. | .. | .. | "                                 |
| Islip                | .. | .. | .. | .. | .. | .. | "                                 |
| King's Cliffe        | .. | .. | .. | .. | .. | .. | "                                 |
| Lilford              | .. | .. | .. | .. | .. | .. | "                                 |
| Little Addington     | .. | .. | .. | .. | .. | .. | "                                 |
| Lowick               | .. | .. | .. | .. | .. | .. | "                                 |
| Nassington           | .. | .. | .. | .. | .. | .. | "                                 |
| Pilton               | .. | .. | .. | .. | .. | .. | "                                 |
| Polebrook            | .. | .. | .. | .. | .. | .. | "                                 |
| Ringstead            | .. | .. | .. | .. | .. | .. | "                                 |
| Slipton              | .. | .. | .. | .. | .. | .. | "                                 |
| Southwick            | .. | .. | .. | .. | .. | .. | "                                 |
| Stoke Doyle          | .. | .. | .. | .. | .. | .. | "                                 |
| Sudborough           | .. | .. | .. | .. | .. | .. | "                                 |
| Tansor and Elmington | .. | .. | .. | .. | .. | .. | "                                 |
| Thorpe Achurch       | .. | .. | .. | .. | .. | .. | "                                 |
| Thrapston            | .. | .. | .. | .. | .. | .. | "                                 |
| Titchmarsh           | .. | .. | .. | .. | .. | .. | "                                 |
| Twywell              | .. | .. | .. | .. | .. | .. | "                                 |
| Wadenhoe             | .. | .. | .. | .. | .. | .. | "                                 |
| Warmington           | .. | .. | .. | .. | .. | .. | "                                 |
| Wigsthorpe           | .. | .. | .. | .. | .. | .. | "                                 |
| Woodford             | .. | .. | .. | .. | .. | .. | "                                 |
| Woodnewton           | .. | .. | .. | .. | .. | .. | "                                 |
| Yarwell              | .. | .. | .. | .. | .. | .. | "                                 |
| Blatherwycke         | .. | .. | .. | .. | .. | .. | Fortnightly                       |
| Bulwick              | .. | .. | .. | .. | .. | .. | "                                 |
| Collyweston          | .. | .. | .. | .. | .. | .. | "                                 |
| Deene                | .. | .. | .. | .. | .. | .. | "                                 |
| Deenesthorpe         | .. | .. | .. | .. | .. | .. | "                                 |
| Duddington           | .. | .. | .. | .. | .. | .. | "                                 |
| Fineshade            | .. | .. | .. | .. | .. | .. | "                                 |
| Harringworth         | .. | .. | .. | .. | .. | .. | "                                 |
| Hemington            | .. | .. | .. | .. | .. | .. | "                                 |
| Laxton               | .. | .. | .. | .. | .. | .. | "                                 |
| Luddington           | .. | .. | .. | .. | .. | .. | "                                 |
| Lutton               | .. | .. | .. | .. | .. | .. | "                                 |
| Thurning             | .. | .. | .. | .. | .. | .. | "                                 |
| Wakerley             | .. | .. | .. | .. | .. | .. | "                                 |





### MOVEABLE DWELLINGS

Since the Caravan Sites and Control of Development Act, 1960, came into force in August, 1960, the following site licences have been issued:-

Permanent Caravan Sites - 4      Number of Caravans - 15

Temporary Caravan Sites - 23      Number of Caravans - 39

### SWIMMING BATHS

There are no public swimming baths in this area.





